



Lidocaine Dosing Chart: Cardiac Arrest with VF or Pulseless VT

Step 1. Perform the medication dose calculation given the patient's weight estimate. *For weight estimate, round to the nearest 10KG for ease of medication dose

Step 2. Use the chart to double check the dose calculation is close to the chart amount. *For adult medication dose, it is acceptable to round to the nearest 0.5mg

When using 200 mg/ 10 ml vial of 20 mg/ml (2% solution) undiluted

Paediatrics (≥ 30 days to < 12 years)

Weight (kg)	IV/IO/CVAD (1 mg/kg)	
	mg	ml (volume)
3	3	0.2
4	4	0.2
5	5	0.3
7	7	0.4
9	9	0.5
11	11	0.6
14	14	0.7
18	18	0.9
23	23	1.2
29	29	1.5
36	36	1.8
Maximum total IV dose 3 mg/kg Maximum total dose 5 mg/kg		

Adults and Older Paediatrics (≥ 12 years)

Weight (kg)	IV/IO/CVAD (1.5 mg/kg)	
	mg	ml (volume)
30	45	2.5
40	60	3.0
50	75	3.5
60	90	4.5
70	105	5.5
80	120	6.0
90	135	7.0
100	150	7.5
110	165	8.5
120	180	9.0
Maximum total IV dose 3 mg/kg Maximum total dose 5 mg/kg		

Lidocaine Dosing Chart: Tachydysrhythmia

When using 200 mg/ 10 ml vial of 20 mg/ml (2% solution) undiluted

Adults (≥ 18 years)

Intravenous

Weight (kg)	Initial Dose (1.5 mg/kg)		Subsequent Doses (0.75 mg/kg)	
	mg	ml (volume)	mg	ml (volume)
30	45	2.5	22.5	1.0
40	60	3.0	30	1.5
50	75	4.0	37.5	2.0
60	90	4.5	45	2.5
70	105	5.5	52.5	3.0
80	120	6.0	60	3.0
90	135	7.0	67.5	3.5
≥ 100	150	7.5	75	4.0
Maximum total IV dose 3 mg/kg Maximum total dose 5 mg/kg				